

# **EPA SLN No. WY-040004 Vol 1**

STATE

WYOMING

SLN NO.

WY 040004

DATE REGISTERED

12/15/04

90-DAY DATE:

03/28/05

SPECIFIC SPECIAL LOCAL NEED

SITE:

PEST/PROBLEM:

1. Is the State certified to issue this type of registration? \_\_\_\_\_
2. Was the EPA Application/Notification Form submitted? \_\_\_\_\_
3. Was all the required information included on the form? \_\_\_\_\_
4. Was a confidential formula submitted (for new products)? \_\_\_\_\_
5. Is this registration for a "CHANGED USE PATTERN"? \_\_\_\_\_
6. Has an FR document been prepared for this "CHANGED USE PATTERN"? \_\_\_\_\_
7. Tolerances required? \_\_\_\_\_ Established? \_\_\_\_\_ Citation: \_\_\_\_\_
8. Full labeling being used? \_\_\_\_\_ Supplemental directions? \_\_\_\_\_
9. Does label state "FOR DISTRIBUTION AND USE ONLY WITHIN (State)"? \_\_\_\_\_
10. Does full label comply with 40 CFR 162.10, as follows:
- a. Product name, brand or trademark? \_\_\_\_\_
  - b. Name and address of registrant? \_\_\_\_\_
  - c. Net contents? \_\_\_\_\_
  - d. Product registration number? \_\_\_\_\_
  - e. Producing establishment number? \_\_\_\_\_
  - f. Ingredient statement? \_\_\_\_\_
  - g. Precautionary labeling? \_\_\_\_\_
  - h. Directions for use for special local need? \_\_\_\_\_
  - i. Use classification? \_\_\_\_\_

Was proper format followed? \_\_\_\_\_

11. Is supplemental directions for use labeling satisfactory? \_\_\_\_\_
12. Was supplemental labeling compared with EPA-registered label? \_\_\_\_\_

COMMENTS: \_\_\_\_\_

1 SLN No W904004 2 PM 13 3 Action Code \_\_\_\_\_

4 State Issue Date  

1	2	1	5	0	4
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5 Date received by EPA  

1	2	2	8	0	7
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6 Date received by PM  

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7 Chemical name \_\_\_\_\_

8 Chemical code 4 \_\_\_\_\_

9 Use \_\_\_\_\_

10. Reviews requested:

	Date Sent	Due Date	Date Returned	Response Code	Response Date
HED					
EFB					
RCB					
EEB					
TB					
RD					
PM					
S					
Precaut. Labeling					
Chemistry					
Efficacy					

11 Status \_\_\_\_\_

12. FINAL ACTION Response code \_\_\_\_\_

Response date 

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

FEB 16 2006

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Polly Cross  
Consumer Protection Specialist  
2219 Carey Ave  
Cheyenne, WY 82002

Subject: Special Local Need Registration ( Lygus and Thrips control in alfalfa seed)  
Discipline 2EC  
EPA Registration No. 5481-517  
EPA SLN No. WY040004  
Your Submission Dated December 15, 2004

Dear Ms. Cross:

This will acknowledge receipt of your notification dated December 15, 2004 to this Agency of amended registration, pursuant to section 24(c) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as follows:

Product:	Discipline 2EC
EPA Registration No.:	5481-517
EPA SLN No.:	WY040004
24(c) Registrant:	AMVAC Chemical Corp 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660

If you have any questions, please call BeWanda Alexander of my team at (703) 305-7460.

Sincerely,

*BeWanda Alexander*

George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)





United States Environmental Protection Agency  
Office of Pesticide Programs, Registration Division (7505C)  
Washington, DC 20460

**Application for Notification of State Registration of a Pesticide  
To Meet a Special Local Need**  
(Pursuant to section 24(c) of the Federal Insecticide,  
Fungicide, and Rodenticide Act, as Amended)

For State Use Only

Registration No. Assigned

04-0004

Date Registration Issued

12/15/04

1. Name and Address of Applicant for Registration

AMVAC CHEMICAL CORPORATION  
4695 MacArthur Court, Suite 1250  
Newport Beach, CA 92660

2. Product is (Check one)

EPA-Registered



EPA Registration Number

5481-517

New (not EPA-registered)



Attach EPA Form 8570-4, Confidential Statement of  
Formula for new products.

EPA Company Number

5481

3. Active Ingredient(s) in Product

**Bifenthrin**

4. Product Name

**Discipline™ 2EC**

5. If this is a food/food use, a tolerance or other residue clearance is required. Cite appropriate regulations in 40 CFR Part 180, 185, and/or 186.

**Nonfood/Feed Use**

6. Type of Registration (Give details in Item 13 or on a separate page, properly identified and attached to this form):

- ☐ a. To permit use of a new product.
- ☒ b. To amend EPA registrations for one or more of the following purposes:
- ☒ (1) To permit use on additional crops or animals.
  - ☐ (2) To permit use at additional sites.
  - ☐ (3) To permit use against additional pests.
  - ☐ (4) To permit use of additional application techniques or equipment.
  - ☐ (5) To permit use at different application rates.
  - ☐ (6) Other (specify below)

7. Nature of Special Local Need (check one)

- ☐ There is no pesticide producer registered by EPA for such use.
- ☒ There is no EPA-registered pesticide product which, under the conditions of use within the State, would be as safe and/or as efficacious for such use within the terms and conditions of EPA registration.
- ☐ An appropriate EPA-registered pesticide product is not available.

8. If this registration is an amendment to an EPA-registered product, is it for a "new use"

- ☒ Yes (discuss in Item 13 below) ☐ No

9. Has an EPA Registration or Experimental Use Permit for this chemical ever been (check applicable box(es), if known):

- ☐ Sought ☒ Issued ☐ Denied ☐ Cancelled ☐ Suspended
- ☒ Registration ☐ Experimental Use Permit ☐ No Previous Permit Action

10. Has FIFRA section 24(c) registration for this use of the product ever, by another State, been (check appropriate box(es), if known):

- ☐ Sought ☒ Issued ☐ Denied ☐ Revoked

If any of the above are checked, list States in Item 13 below.

- ☒ No FIFRA section 24 (c) Action.

11. Endangered Species Act: (Give details in Item 13 or on a separate page, properly identified and attached to this form) **SEE ATTACHMENT A**

Identify the counties where this pesticide will be used. If Statewide, Indicate "all."  
Provide a list of Federally protected endangered/threatened species which occur in the areas of proposed use. **ALL**

**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

12. Indicate use status of Special Local Need, i.e., planned dates of use:

From: **January 1, 2005** To: **December 31, 2009**

Signature of Applicant or Authorized Representative

Title

**Jordan Seper, State Registration Specialist**

Telephone Number

**(949) 260-1212**

13. Comments (attach additional sheet, if needed)

**Box 10: ID, OR, WA**

**Box 11: See Attachment A for list of endangered species in Wyoming.**

**Determination by State Agency**

This registration is for a Special Local Need and is being issued in accordance with section 24(c) of FIFRA, as amended. To the best of our knowledge, the information above is correct, except as noted in "Comments" below or in attachments.

Name, Title, and Address of State Agency Official

**Polly Cross**  
**2219 Carey Ave., Cheyenne, WY 82002**

Comments (by State Agency only)

**Additional data available if requested.**

Received by EPA

Title

**Consumer Protection Specialist**

Telephone Number

**307-777-6573**

Date

**12/15/04**





# AGRICULTURAL BULLETIN

**DISCIPLINE™ 2EC**

FOR CONTROL OF LYGUS AND THRIPS IN  
ALFALFA SEED

## RESTRICTED USE PESTICIDE

### Toxic to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification

## SUPPLEMENTAL LABELING

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WYOMING

**DISCIPLINE™ 2EC**

EPA REG. NO. 5481-517

EPA SLN NO. WY-0400XX

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label must be in possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, and precautions on the EPA registered label.

## ALFALFA GROWN FOR SEED

**Aphids, Lygus Bugs, Thrips, Spider Mites, Weevils:** Apply 3.9 to 6.4 ounces (0.06 to 0.1 lb. a.i.) per acre. Apply in a minimum of 20 gallons if sprayed by ground equipment or in a minimum of 5 gallons if sprayed by air. When applying by air, 1 quart of emulsified oil may be substituted for 1 quart of water in the finished spray. DO NOT apply more than 6.4 ounces (0.1 lb. a.i.) per acre per treatment or more than 19.2 ounces (0.3 lb. active) per season. Maintain a minimum of 21 days between Discipline 2EC treatments. Rotational crops may be planted no sooner than 30 days after last application. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or broadleaf weeds. Do not apply this product to blooming alfalfa seed if bees are visiting the treatment area. Refer to the EPA registered label for information on chemigation directions.

For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wingspan or rotor diameter. Make aerial or ground applications when the wind velocity favors on target deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph. Use of a compatible drift reducing agent is encouraged. Do not make ground or aerial applications during temperature inversions. Inversions are characterized by stable air and increasing temperature with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas.



The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface. Do not apply using ultra low volume (ULV) application. All aerial and ground equipment must be properly maintained and calibrated using appropriate carriers. Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure. Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided. Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Discipline 2EC may pose a hazard to endangered aquatic species. Do not apply Discipline 2EC within 150 feet of water bodies containing fish or aquatic invertebrates. Do not apply when weather conditions would favor drift or run-off from a proposed treatment site into fish bearing waters. Risk of exposure to aquatic areas can be reduced by avoiding application when wind direction is toward the aquatic area. Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip to alleviate drift and mitigate runoff.

For use only on fields in production of alfalfa seed. Not for use on fields producing alfalfa for livestock. DO NOT use treated seed or crop parts for food, feed or oil purposes. DO NOT graze or cut current year's treated Alfalfa Seed crop for hay or forage. Treated Alfalfa Seed is not to be used for sprouting. All seed alfalfa treated with Discipline 2EC is to be tagged "NOT FOR HUMAN OR ANIMAL CONSUMPTION" at the conditioning plant. It shall be the grower's responsibility to notify the conditioning plant of any Alfalfa Seed treated with Discipline 2EC. All alfalfa seed and screenings are prohibited from feed channels. All Discipline 2EC treated Alfalfa Seed screenings must be removed from the feed market.

**IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Limitation of Warranty and Liability before using this product.**

**24(c) Registrant:**

AMVAC Chemical Corporation  
4100 East Washington Boulevard  
Los Angeles, CA 90023  
www.amvac-chemical.com  
1-323-264-3910

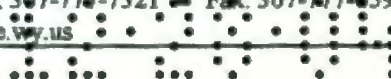


# Wyoming Department of Agriculture

2219 Carey Ave., Cheyenne, WY 82002 ■ Phone: 307-777-7321 ■ Fax: 307-777-6593  
E-mail: [wda1.state.wy.us](mailto:wda1.state.wy.us) ■ Website: [wyagric.state.wy.us](http://wyagric.state.wy.us)

Dave Freudenthal, Governor

John Etchepare, Director



## Board Members

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*District 7*

Arlene Brown

December 16, 2004



TO: Document Processing Desk (SLN)  
Office of Pesticide Programs-H7504C  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

EPA, REGION VIII

FROM: Polly Cross  
Wyoming Department of Agriculture

SUBJECT: **24 (c) Registration**

Pursuant to Section 24(c) of FIFRA the Wyoming Department of Agriculture has approved the following SLN registration:

PRODUCT Discipline 2EC

EPA Regis. No. 5481-517

Registrant AMVAC Chemical Corporation

Wyoming SLN No. 04-0004

Issue Date 12/15/04 Expiration Date 12/15/09

Purpose/Remarks:

**For the control of aphids, lygus bugs, thrips, spider mites, weevils in alfalfa grown for seed.**

CC: AMVAC Chemical Corporation  
Roy Reichenbach, Wyoming Department of Agriculture

Enclosures





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

December 28, 2004

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Wyoming Dept. of Ag  
2219 Carey Ave.  
Cheyenne, WY 82002

ATTN: Polly Cross, Specilaist

Dear State Agency:

The Office of Pesticide Programs acknowledges receipt of the Section 24(c) application/notification for WY040004.

The package is being forwarded to the Product Manager for review.

To ensure that the Agency receives proper notification of your 24(c) applications/notifications it is necessary to us the correct mailing address. All new 24(c) applications should be sent to the following:

Document Processing Desk (SLN)  
Office of Pesticide Programs - H7504C  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

If you have any questions concerning the administrative screening of the package please contact the Front End Unit at (703)305-7406.

Sincerely,

A handwritten signature in cursive script, appearing to read "Barbara Turner".

Front End Processing Staff  
Information Services Branch  
Information Resources and Services Division